

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	correct\$3 near (edge or boundar\$3 or contour) near (portrait or photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/13 10:43
S2	1156	correct\$3 same (edge or boundar\$3 or contour) same (portrait or photograph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:24
S3	35037	(edge or boundar\$3 or contour) near (extract\$3 or separat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:25
S4	58	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:25
S5	14744	(portarit or picture or photograph) with background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:26
S6	7	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:28
S7	2	(extract\$3 adj1 portrait).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:29
S8	205	(extract\$3 adj1 (portrait or photograph or picture or person)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:30

## EAST Search History

S9	70861	(detect\$3 or judg\$3 or determin\$5 or delinea\$4) near (boundar\$4 or edge or contour)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:32
S10	16	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/16 14:32
S11	51	("4589013"   "5016035"   "5177283"   "5487145"   "5515109"   "5621492"   "5630037"   "5631976"   "5687306"   "5754180"   "5760781"   "5764306"   "5778258"   "5805148"   "5831685"   "5835104"   "5867166"   "5870103"   "5886818"   "5897413"   "5907315"   "5914748"   "5917549"   "5920687"   "5939246"   "5974198"   "5977981"   "5982350"   "5982381"   "5986718"   "6005987"   "6011595"   "6014163"   "6020931"   "6028583"   "6072537"   "6081275"   "6115049"   "6148148"   "6181836"   "6185342"   "6191797"   "6198489"   "6211941"   "6215503").PN. OR ("6674485").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 14:37

## EAST Search History

S12	96	("3398664"   "3864708"   "4037249"   "4052739"   "4130834"   "4190856"   "4240104"   "4258385"   "4317114"   "4357624"   "4409618"   "4439783"   "4463380"   "4506289"   "4539585"   "4561061"   "4589013"   "4599611"   "4602280"   "4621280"   "4636862"   "4677460"   "4682297"   "4687526"   "4688105"   "4694329"   "4698682"   "4710800"   "4730260"   "4731743"   "4750050"   "4782384"   "4786944"   "4796180"   "4805037"   "4811084"   "4823281"   "4823285"   "4827253"   "4827344"   "4841378"   "4864410"   "4872056"   "4873568"   "4891660"   "4910661"   "4954883"   "4959670"   "4963925"   "4965673"   "4974172"   "5022085"   "5031043"   "5053956"   "5117283"   "5126847"   "5179642"   "5196922"   "5265214"   "5343386"   "5345313"   "5375195"   "5377314"   "5513300").PN. OR ("5687306").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 14:39
S13	36	("4190856"   "4439783"   "4506289"   "4694329"   "4827253"   "4827344"   "4864410"   "4910661"   "5117283").PN. OR ("5345313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 14:49
S14	17	("3751586"   "4751571"   "4764807"   "4800432"   "4853784"   "4947255"   "4967276"   "4971312"   "5001558"   "5345313"   "5408294"   "5574511"   "5681223"   "5923380").PN. OR ("6198503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 15:07
S15	2	("5345313").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 08:21
S16	2	((KENYA) near2 (TAKAMIDOH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 10:30

## EAST Search History

S17	118	background near10 (outside adj (edge or boundar\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:42
S18	7	(remov\$3 or extract\$3) with S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:48
S19	8756	detect\$3 same (boundar\$3 or edge or contour) same (person or human or men or women)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:50
S20	943	judge\$4 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:51
S21	23	judge\$4 and "34" with portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:51
S22	40	S20 and portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:57
S23	0	judg\$4 same (contour or boundar\$3 or edge) same perosn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:58
S24	404	judg\$4 same (contour or boundar\$3 or edge) same person	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:05

## EAST Search History

S25	0	S24 and portarit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:58
S26	15	S24 and portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 08:58
S27	35	("4472736"   "4574393"   "4745465"   "4847677"   "5119184"   "5142593"   "5177602").PN. OR ("5278921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 09:01
S28	4375	(judg\$4 or calculat\$3 or comput\$3 or decid\$3) same (contour or boundar\$3 or edge) same person	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:06
S29	80	S28 and portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:06
S30	207	extract\$3 near10 portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:17
S31	6717	judg\$4 near10 (contour or edge or boundar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:17
S32	6	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:12

## EAST Search History

S33	19982	extract\$3 near10 (portrait or face or person)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:17
S34	123	judg\$4 near10 (contour or edge or boundar\$3) and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 09:18
S35	6599	(face near10 pixels) and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 13:59
S36	301	(face near10 pixels) same background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 13:59
S37	438243	(edge or boundary or contour) same (conceal\$3 or correct\$3 or smooth\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 14:01
S38	96	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/15 14:01

## EAST Search History

S39	86	("3398664"   "3864708"   "4037249"   "4052739"   "4130834"   "4190856"   "4240104"   "4258385"   "4317114"   "4357624"   "4409618"   "4439783"   "4463380"   "4506289"   "4539585"   "4561061"   "4589013"   "4599611"   "4602280"   "4621280"   "4636862"   "4677460"   "4682297"   "4687526"   "4688105"   "4694329"   "4698682"   "4710800"   "4730260"   "4731743"   "4750050"   "4782384"   "4786944"   "4796180"   "4805037"   "4811084"   "4823281"   "4823285"   "4827253"   "4827344"   "4841378"   "4864410"   "4872056"   "4873568"   "4891660"   "4910661"   "4954883"   "4959670"   "4963925"   "4965673"   "4974172"   "5022085"   "5031043"   "5053956"   "5117283"   "5126847"   "5179642"   "5196922"   "5265214"   "5343386"   "5375195"   "5377314").PN. OR ("5577179").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 14:35
S40	2124	382/266,275.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 14:40
S41	53	S40 and portrait	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:39
S42	1041	(extract\$3 or discriminat\$3 or separat\$3) same ((portrait or person or human) near5 background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:54

## EAST Search History

S43	228	S37 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:43
S44	8	S36 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:43
S45	14	("4635098"   "4951129"   "4967272"   "5097322"   "5134480"   "5245445"   "5432716"   "5491514"   "5557330"   "5682205").PN. OR ("6456328").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:48
S46	219	extract\$3 near10 composite adj image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:49
S47	0	S46 with portrait	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:49
S48	9	S46 and portrait	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:49
S49	15	("4958217"   "5020004"   "5481741"   "5644740"   "5704021"   "5784059").PN. OR ("6008812"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 15:53
S50	6096	(extract\$3 or discriminat\$3 or separat\$3) same ((portrait or person or human) same background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:54



## EAST Search History

S51	507	(extract\$3 or discriminat\$3 or separat\$3) same ((portrait or person or human) near2 background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:56
S52	2	S40 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:55
S53	645	(extract\$3 or discriminat\$3 or separat\$3) same ((portrait or person or human or photograph) near2 background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:24
S54	322	S53 and face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:57
S55	129	S37 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 15:57
S56	47	("5550928"   "5581625"   "5912980").PN. OR ("6188777").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:00
S57	13	("20010010549"   "5715234"   "5781665"   "5847836"   "5867738"   "5907315"   "5917548"   "5923380"   "5946031"   "6191815"   "6445417"   "6476863"   "6507361").PN. OR ("6999113").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:09
S58	25	("4751571"   "4967276"   "5001558"   "5386242"   "5400081"   "5574511").PN. OR ("5923380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:14

## EAST Search History

S59	21	("4448200"   "4521106"   "5249039"   "5382980"   "5386242"   "5398075"   "5400081"   "5574511"   "5592236"   "5684887"   "5684898"   "5710602"   "5748775"   "5764306"   "5808682"   "5812787"   "5825909"   "5914748"   "5923380"   "5937104"   "6137919").PN. OR ("6950130").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:16
S60	22	("4698666"   "4827344"   "4831447"   "5084865"   "5140416"   "5241372"   "5325449"   "5347622"   "5444835"   "5479922"   "5488674"   "5557339"   "5630037").PN. OR ("6137919").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:17
S61	62	("4109278"   "4968132"   "4982294"   "5012524"   "5032901"   "5117283"   "5196922"   "5262856"   "5264940"   "5264944"   "5424781"   "5557339").PN. OR ("5914748").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:21
S62	822	(extract\$3 or discriminat\$3 or separat\$3 or remov\$3) same ((portrait or person or human or photograph) near2 background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:25
S63	20299	(foreground and background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:25
S64	161	S62 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:26
S65	11	S64 and portrait	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:26

## EAST Search History

S66	28	("4809064"   "5115271"   "5363209"   "5450502"   "5485568"   "5608544"   "5640468"   "5666503").PN. OR ("5978519").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 16:29
S67	3	((("5577179") or ("5345313"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/13 11:24
S68	100	(fac\$3 near5 extract\$3) same portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 11:25
S69	886	(fac\$3 near5 extract\$3) same (portrait or photograph or picture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 11:26
S70	490	S69 and background	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 11:27
S71	6	S69 and (separat\$3 near2 background)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 11:27